

B¹ 1. (Amended) An optical disc recording/reproduction apparatus for recording and/or reproducing [a] data by applying a beam from an optical head unit through a substrate of an optical disc onto/from a recording layer of the optical disc [through], wherein said substrate of said optical disc [is] has a thickness of 0.3 mm or below, and said optical head unit comprises:

an objective lens for converging an incident beam and emitting the beam toward said optical disc;

a forward lens for converging the beam introduced through said objective lens and applying the beam to said optical disc;

a lens holder [where] in which said objective lens and said forward lens are fixed; and

an actuator for driving said objective lens and said forward lens as a unitary block and controlling at least focusing,

said objective lens and said forward lens having (1) a total numerical aperture of 0.8 or above, (2) a center position shift tolerance of $\pm 80\mu\text{m}$, (3) a distance between the objective lens and the forward lens of $25\mu\text{m}$ or less, and (4) inclination angles less than 0.4° .

B² 7. (Amended) An optical disc recording/reproduction method for applying a beam from an optical head having an objective lens for converging and emitting the beam toward an optical disc and a forward lens for converging the beam from said objective lens and emitting the beam to a recording layer through a substrate of said optical disc so as to record or reproduce [a] data onto/from

said recording layer, wherein

said objective lens and said forward lens are fixed in a holder and are driven as a unitary block for focus control and said substrate of said optical disc a thickness of 0.3 mm or below, and

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said objective lens and said forward lens have (1) a total numerical aperture of 0.8 or above, (2) a center position shift tolerance of $\pm 80\mu\text{m}$, (3) a distance between the objective lens and the forward lens of $25\mu\text{m}$ or less, and (4) inclination angles less than 0.4° .

8. (Amended) An optical head unit for applying a beam through a substrate to a recording layer of an optical disc so as to record and/or reproduce [a] data onto/from said recording layer, said optical head unit comprising:

a first lens for converging [a coming] an incoming beam and emitting the beam toward said optical disc;

a second lens for converging the beam [coming] emitted from said first lens and emitting the beam to said optical disc;

a lens holder in which said first lens and said second lens are fixed at a predetermined distance; and

an actuator for driving said lens holder so as to carry out at least focus control,

wherein said first lens and said second lens have (1) a total numerical aperture of 0.8 or above, (2) a center position shift tolerance of $\pm 80\mu\text{m}$, (3) a distance between the first lens and the second lens of $25\mu\text{m}$ or less, and (4) inclination angles